



Our Expertise Your Success

LEGAL INFORMATION

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CABB – Your Partner in Fine Chemistry

The CABB Group is a leading provider of contract manufacturing (CDMO) and fine chemicals for Crop Science, Life Science, Pharma, and specialty applications. The CABB Group combines leading-edge technologies with a global large-scale production network to deliver reliable, sustainable, and cost-efficient solutions to provide customized solutions for complex chemistries.

- Custom manufacturing and process optimization
- Scalable, cost-efficient and flexible manufacturing capacities
- End-to-end partnership from development to commercial production
- Leading standards of purity, sustainability and quality

The CABB Group, with its around 1,000 employees, c. €494 million revenue and five global production sites, is your partner in Fine Chemistry turning complex chemistry into reliable and cost-efficient solutions.

Leading Contract Development and Manufacturing Company

The CABB Group specializes in complex chemistry and the production of high-purity products through multistep chemical synthesis. With its custom manufacturing services, the CABB Group partners closely with customers to develop and optimize individual steps within their value chains, enabling the synthesis of agrochemicals, pharmaceuticals, and other complex – often patented – chemical products.

Thanks to its unique transatlantic production network with state-of-the-art manufacturing facilities, the CABB Group is

an integral part of its customers' value chains. Customers benefit from its proven track record of securing and delivering large-scale growth projects in crop sciences and life sciences – resulting in trusted and long-lasting partnerships.

Value-Adding Solutions for Crop Sciences, Life Sciences, and Pharma

The CABB Group is a leading global provider of advanced intermediates, specialty chemicals, and agrochemical active ingredients, serving customers across the Crop Science, Life Science, and Pharma industries. With decades of experience and strong, long-term partnerships, the CABB Group is uniquely positioned to deliver value-adding solutions – including advanced intermediates and functional ingredients – for a wide range of applications, from pharmaceuticals, personal care and nutrition to high-tech fields such as electronics, automotive and materials science, helping customers gain a competitive edge.

Committed to Continuous Improvement and Superior ESG Standards

The CABB Group's leading production competence is based on its "Verbund System". These integrated production sites are its platform for providing differentiated, large-scale products based on high process efficiency including the recycling of by-products. The CABB Group has underlined its sustainability commitment by signing the UN Global Compact and the Responsible Care Charter. The CABB Group is also a member of Together for Sustainability (TfS). In addition, we are setting science-based targets through the Science Based Targets initiative (SBTi), aligned with the intent of the Paris Agreement.

EcoVadis Rating



All sites of the CABB Group undergo annual assessments by EcoVadis, the world's largest provider of sustainability ratings. In the latest assessment conducted in October 2025, CABB's site in Pratteln, Switzerland, was awarded with the silver rating. In 2025, the production sites in Germany, USA and China were also awarded the silver rating. The production site in Kokkola, Finland, achieved a gold rating for its assessment, being one of the best 5% in the chemical industry. As part of the assessments, EcoVadis provides valuable input on areas in which the CABB Group can continue to further improve.

Your Benefits

Leader in Complex Chemistry

Focused on complex, multi-step chemical synthesis and high-purity chemical ingredients

Global Footprint

Unique transatlantic footprint with a strong production foothold in Europe

Customer-centric Solutions

End-to-end project management providing customized solutions from development to commercial production

Efficiency and Reliability

Technology leadership and a proven track-record in process optimization offering cost efficiency and reliability

Sustainability

Committed to continuous improvement and superior ESG standards



Our CDMO Expertise

The CABB Group specializes in complex, multi-step chemical syntheses. Our unique expertise in implementing large-scale growth projects and the integration of cutting-edge technology are the basis for our success. Designing, executing, and enhancing safe, cost-efficient and robust production processes is our top priority.

The CABB Group is ideally equipped to perform demanding multistep syntheses of intermediates and agrochemical active ingredients, and its plants and infrastructure enable efficient and sustainable production. Our capabilities include a vast range of chemical reactions based on our core chemistries to support efficient manufacturing on a large scale.



Commercial Offering

- Custom manufacturing of chemical intermediates and agrochemical active ingredients
- Manufacturing of reagents and intermediates based on chlorination and sulfonation
- Broad in-house development capabilities incl. safety measurements (e.g. RC1, DSC, MoC tests) and scale-up from lab to commercial scale as well as process optimizations throughout product life cycle
- Large-scale commercial production

Assets and Capabilities

- More than 100 reactors group-wide, from 2 m³ to 35 m³ (total reactor capacity above 1300 m³)
- Various materials used in production assets: Hastelloy, glass-lined, stainless steel, etc.
- Several multi-stage distillation columns, solvent recovery capabilities and wastewater treatment
- Solid isolation capabilities with multiple centrifuges, dryers, filters and packing units
- Raw material handling for acetaldehyde, chloroformates, epichlorohydrine, hydrazine hydrate, methyl chloride, solid sodium and others
- Three large-scale manufacturing sites in attractive jurisdictions (Switzerland, USA, Finland) ensure a safe and reliable supply chain for your product.

Technology and Infrastructure

- Leader in chlorination, sulfonation and other technologies for fine chemical production
- Infrastructure for and expertise in alkylation, bromination, lithiation and oxidation on commercial scale
- Backward integration into key reagents and intermediates
- Pipeline supply of hazardous and corrosive reagents and intermediates to multipurpose assets
- Expertise in designing robust and safe processes for hazardous chemicals
- Process technology and expertise in turning batch processes into continuous processes
- Equipment and infrastructure for challenging multistep syntheses
- Infrastructure for waste management
- Process optimization throughout the whole lifecycle of a product

Core Chemistries

Halogenation (Chlorination & Bromination)

Cl₂, Br₂, SOCl₂, SO₂Cl₂, HCl, Br₂, HBr, DBDMH (1,3-Dibromo-5,5-dimethylhydantoin), among others

The CABB Group has various chlorination reagents readily available: chlorine, thionyl chloride, sulfuryl chloride and hydrogen chloride gas. These reagents are produced in our Verbund System in Switzerland and are transported in hermetically sealed pipelines directly from storage tanks to multipurpose and dedicated reactors. Off-gases are fully recycled in our Verbund System in a sustainable, environmentally friendly and cost-efficient way, preventing the formation of large volumes of scrubber waste water.

In addition the CABB Group possesses the infrastructure and expertise to carry out bromination on a large industrial scale. We operate dedicated assets for bromination reactions, including storage facilities, pipelines and safety systems.

Sulfonation

SO₃, HSO₃Cl, H₂SO₄, among others

As part of its Verbund System, CABB Switzerland produces sulfonation reagents such as sulfur trioxide, chlorosulfonic acid and sulfur trioxide amine complexes for its own use and as sales products. This makes it possible to select the right reagent for the specific requirement. The availability of sulfur trioxide from pipeline for use as a reagent in multipurpose plants is unique and a benefit for fine chemical production.

Alkylation

Methylation

Dimethylsulfate, methylchloride

Dimethyl sulfate and methylchloride are the reagents of choice for the methylation of O-, N- and S- functional groups such as alcohols, thiols, carboxylic acids and amines to obtain the corresponding ethers, esters, thioethers and methylated amines. With all the infrastructure for safe handling in place, the CABB Group is the ideal partner for methylation reactions.

Thioalkylation

The reaction of (aromatic) nitro compounds with alkyl sodium thiolates leads to (aromatic) thioethers in a straightforward synthesis. The CABB Group is well-equipped for this type of reaction and for handling odorous raw materials and products thanks to its inhouse incineration unit for vent gases and waste.

Chloromethylation

CH₂O, SOCl₂

Chloromethylation of alcohols and carboxylic acids yields the corresponding chloromethyl ethers and esters. The CABB Group's proprietary technology guarantees a smooth reaction with high yields.

Organometallic Reactions

Lithiation

n-BuLi, LDA, among others

Carrying out large-scale lithiation reactions requires specific and dedicated infrastructure. The CABB Group has this expertise and infrastructure on a commercial scale. We operate a dedicated system for lithiation reactions which includes storage facilities for bulk organic lithium reagents, pipeline supply, safety measures and automated processes.

Grignard reaction

RMgX (R = Alkyl, aryl; X = Cl, Br)

The Grignard reaction is an important method in organic synthesis for the preparation of carbon-carbon single bonds, mainly by combining nucleophilic alkyl- or aryl-magnesium halides with electrophilic compounds such as aldehydes, ketones or esters to yield alcohols. It is also important for the preparation of boron derivatives which are subsequently used as reactants in Suzuki-type cross-coupling reactions.

C-C Cross-coupling

Suzuki, among others

In transition metal-catalysed cross-coupling reactions, carbon-carbon bonds are formed. The Suzuki coupling is the most prominent representative. The reaction of aromatic halides with arylboronic derivatives, for example, yields the corresponding biphenyl derivatives. The CABB Group has many years of expertise in this chemistry including the recycling and reuse of precious catalysts.

Oxidation

Cl₂, H₂O₂, HNO₃, among others

Oxidizing thiols and thioethers with chlorine or hydrogen peroxide is an advantageous and direct method for obtaining sulfonyl chlorides and sulfones. The CABB Group also carries out a variety of other oxidation reactions using air and catalysts. Some of these are performed as continuous processes.

Reduction/Hydrogenation

Pd/H₂, Pt/H₂, NaBH₄, among others

Hydrogenation reactions at ambient or elevated pressure, such as the reduction of aromatic nitro compounds or the saturation of double bonds, can be carried out as batch or continuous processes. The CABB Group has the equipment and expertise for both. The safe handling of pyrophoric catalysts and their recycling and reuse are additional benefits.

Specialty and Life Sciences

Expertise, consistency and efficiency – at every scale

The CABB Group, with its Specialty and Life Sciences fields, is a leading supplier of key raw materials, process aids and non-GMP intermediates for the API, cosmetic, industrial detergent, and crop science industries.

In life sciences, the CABB Group's specialties are key to innovative pharmaceutical ingredients, personal care, and nutrition. Produced with advanced technologies and proprietary processes, the CABB Group's fine chemicals ensure consistency, safety, and reliability.



DeTrityl® Ultrapure (Dichloroacetic Acid – DCA)

Premium-grade dichloroacetic acid for oligonucleotide synthesis. Dedicated manufacturing sites in Germany and Switzerland ensure supply security. **CAS: 79-43-6**

Trichloroacetic Acid (TCA)

Strong acid for multiple industrial and pharmaceutical applications. Manufactured in a dedicated facility in Germany. Offered as “Pharma” and “Technical” grade. **CAS: 76-03-9**

GLYCOS® Clear 70

Premium grade glycolic acid for superior skin- and haircare products. Manufactured in a dedicated plant in Germany with absence of CMRs (carcinogenic, mutagenic and reprotoxic) by-product methoxyacetic acid (MAA) which is banned by the European Commission by means of EC1223/2009. **CAS: 79-14-1**

GLYTECH® BASIC 70

Cost-efficient technical grade glycolic acid as reagent for efficient cleaning purposes. Manufactured in a dedicated plant in Germany. Biodegradable. **CAS: 79-14-1**

3-CPA, 2-CPA (Chloropropionic Acid)

Essential key starting materials for the API industry and industrial detergents. Manufactured in Switzerland and Germany. **CAS: 107-94-8 / 598-78-7**

CAN (Chloroacetic Acid Anhydride)

A mild acetylation reagent widely used in chemistry at scale. Very potent acylation reagent like chloroacetyl chloride. (CAC) In contrast to CAC, CAN is a milder acylation reagent since no HCl is going to be released during the process. **CAS 541-88-8**

DCAC (Dichloroacetic Acid Chloride)

Used for Agro compounds such as Herbicide Safener but also to build up Active Pharmaceutical Ingredients for human health. Manufactured in a dedicated plant in Germany. **CAS: 79-36-7**

Advanced intermediates and co-products

The CABB Group is the only European company with a multi-site production setup, and holds a leading position in the European market for monochloroacetic acid (MCA) and its derivatives, such as esters and sodium salt. With a unique product portfolio defined by outstanding quality and broad diversity, the CABB Group supplies customers around the world – reliably and efficiently.

- MCA, Technical, high purity and ultra purity with a very low DCA content, available as liquid, flakes and molten
- MCA sodium salt
- MCA ethyl and methyl esters

The CABB Group is also a leading European producer of chlorine- and sulfur-based reagents and building blocks.

- Thionyl chloride
- Sulfuryl chloride
- Chlorosulphonic acid
- Acid chlorides (propionyl chloride, valeryl chloride, chloroacetyl chloride, octanoyl chloride, butyryl chloride, pivaloyl chloride, ethyl hexyl chloride, ...)

The food, flavours and fragrances industry is served with a HACCP-certified range of sodium acetate products – including anhydrous, trihydrate and liquid forms. As well as camphene and isobornyl acetate.

A full portfolio of co-products is manufactured at scale at the CABB Group's sites in Switzerland (Pratteln) and Germany (Gersthofen).

- Caustic soda
- Hydrochloric acid (technical and chemical pure)
- Sulfuric acid
- Bleach
- Acetic acid